

101692362

c of c

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: SUGITA ET AL. Examiner: W J KLIMOWICZ
Patent No.: 6,842,317 B2 Group Art Unit: 2652
Issued: JANUARY 11, 2005 Docket No.: 10873.1317USW1
Title: MAGNETORESISTIVE ELEMENT, MAGNETIC HEAD, MAGNETIC
MEMORY AND MAGNETIC RECORDING APPARATUS USING THE
SAME

CERTIFICATE UNDER 37 CFR 1.8:

The undersigned hereby certifies this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Attn: Certificate of Corrections Branch, Commissioner for Patents, Alexandria, Virginia 22313-1450 on November 14, 2005.

By: 

Name: Chicko Rogers

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

53148

PATENT TRADEMARK OFFICE

Sir:

The following papers are transmitted herewith:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Request for Certificate of Correction
- ☒ Change of Address
- ☒ PTO Form/SB/44
- ☒ Return Postcard

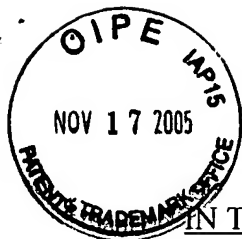
Certificate
NOV 22 2005
of Correction

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
P.O. Box 2902-0902 Minneapolis, MN 55402
612.455-3800

By: 

Name: Douglas P. Mueller
Reg. No.: 30,300
Initials: DPM/cmr



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: SUGITA ET AL. Examiner: W J KLIMOWICZ
Patent No.: 6,842,317 B2 Group Art Unit: 2652
Issued: JANUARY 11, 2005 Docket No.: 10873.1317USW1
Title: MAGNETORESISTIVE ELEMENT, MAGNETIC HEAD, MAGNETIC
MEMORY AND MAGNETIC RECORDING APPARATUS USING THE
SAME

CERTIFICATE UNDER 37 CFR 1.8:

The undersigned hereby certifies this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Attn: Certificate of Corrections Branch, Commissioner for Patents, Alexandria, Virginia 22313-1450 on November 14, 2005.

By: 

Name: Chieko Rogers

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

53148

PATENT TRADEMARK OFFICE

Sir:

The following papers are transmitted herewith:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Request for Certificate of Correction
- ☒ Change of Address
- ☒ PTO Form/SB/44
- ☒ Return Postcard

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
P.O. Box 2902-0902 Minneapolis, MN 55402
612.455-3800

By: 

Name: Douglas P. Mueller
Reg. No.: 30,300
Initials: DPM/cmr

(PTO TRANSMITTAL - GENERAL)

NOV 23 2005



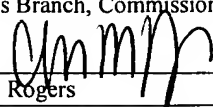
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Sugita et al. Examiner: W J Klimowicz
Patent No.: 6,842,317 B2 Group Art Unit: 2652
Issued: January 11, 2005 Docket No.: 10873.1317USW1
Title: MAGNETORESISTIVE ELEMENT, MAGNETIC HEAD, MAGNETIC
MEMORY AND MAGNETIC RECORDING APPARATUS USING THE
SAME

CERTIFICATE UNDER 37 CFR 1.8:

The undersigned hereby certifies this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Attn: Certificate of Corrections Branch, Commissioner for Patents, Alexandria, Virginia 22313-1450 on November 14, 2005.

By: 
Name: Chieko Rogers

REQUEST FOR CERTIFICATE OF CORRECTION

Attn: Certificate of Corrections Branch
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313

Dear Sir:

It is requested a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. A copy of the text of the Certificate in the suggested form is attached.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims, and re-examination is not required.


Since none of the errors are Patentees' mistake, no fee is believed to be due.

Respectfully submitted,



HAMRE, SCHUMANN,
MUELLER & LARSON P.C.
P.O. Box 2902
Minneapolis, MN 55402
Telephone: (612) 455-3800

Nov. 14, 2005
Date



Douglas P. Mueller
Reg. No. 30,300
DPM/cmr

NOV 23 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,842,317 B2

APPLICATION NO.: 09/692,362

ISSUE DATE : January 11, 2005

INVENTOR(S) : Sugita et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 25, line 42, claim 7: "Fe_{1-a} - Pt_a a is a number" should read -- Fe_{1-a} - Pt_a, a is a number --

Col. 26, line 8, claim 10: "according to claim 6" should read --according to claim 9 --

Col. 26, line 10, claim 10: "by the formula Fe_{1-c-Mc}," should read --by the formula Fe_{1-c}-M_c--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 23 2005